

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	17	("3696620"   "4504238"   "4573318"   "4845945"   "4866934"   "4969504"   "4977741"   "4991546"   "5018568"   "5109668"   "5174252"   "5653117"   "5910095"   "6022254"   "6290558").PN. OR ("6582263").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:54
S1	30	seawater same glycol same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 18:53
S2	2289	glycol with exchanger with water	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:17
S3	11	S2 and "166".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:18
S4	2	S2 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:23
S5	3180	glycol with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:23
S6	3	S5 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:23
S7	462	seawater with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:24
S8	2	S7 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:24
S9	6463	glycol same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:28
S10	14	S9 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:28
S11	1	mudcooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:29

S12	727	seawater same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:30
S13	2	S12 and "175"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/15 19:30
S14	4	("3859812") or ("4215753") or ("5005655") or ("5107874")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/15 19:31
S15	9	refrigerator and "175"\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:26
S16	11	drilling adj mud with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:29
S17	52	drilling adj mud with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:32
S18	44	drilling adj fluid with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:39
S19	24	S18 and "175"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:39
S20	677	(175/66,206).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 05:43
S21	0	("6andglycol").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/16 05:43
S22	31	S20 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:43
S23	64	S20 and seawater	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:43
S24	82	S22 S23	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:43
S25	9	S24 and exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:44
S26	3	S22 and exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:44
S27	3	S22 and cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:44

S28	6	S26 S27	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:44
S29	202	drilling adj mud same glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:48
S30	32	S29 and "175"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:48
S31	36	drilling adj mud with glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:48
S32	5	S31 and "175"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:49
S33	210	drilling adj fluid with glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:50
S34	32	S33 and "175"\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:50
S35	8	drilling adj fluid same glycol same cooled	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:52
S36	10	drilling adj mud same glycol same cooled	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:54
S37	95	drilling adj mud with cooled	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:55
S38	14	drilling adj mud with cooled same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:55
S39	4	drilling adj fluid with cooled same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:56
S40	180	drilling adj fluid with cooled	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:57
S41	104	(S37 S40) and "175"\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 05:57
S42	105	mud with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:03
S43	172	mud with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:03

S44	11	S42 and "175".\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:03
S45	2293	glycol with water with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:04
S46	2	S45 and "175".\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:05
S47	23	glycol with water with drilling adj mud	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:05
S48	29	khadem\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:07
S49	473	(175/66).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 06:10
S50	359	(175/206).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 06:10
S51	473	(175/66).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 06:11
S52	41	S51 and exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:11
S53	2078	(175/66,206-218).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 06:14
S54	51	S53 and exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:14
S55	19	S53 and cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:30
S56	33	S53 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:34
S57	2	S53 and glycol same cool \$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 06:37
S58	37	sea adj water same glycol same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:43
S59	471	sea adj water and "175".\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:51
S60	2078	(175/66,206-218).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 12:52

S61	82	S59 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:52
S62	22916	glycol near water	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:59
S63	4	S62 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 12:59
S64	359	glycol near water same cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:00
S65	212505	glycol near water wth cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:00
S66	83	glycol near water with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:00
S67	24	glycol near water same mud	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:02
S68	1	("4215753").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/16 13:13
S69	1558	drilling with fluid with cooling	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:14
S70	140	S69 and exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:14
S71	59	S70 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:14
S72	972	drilling adj fluid with cooling	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:15
S73	53	S72 and cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:15
S74	8	S73 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 13:15
S75	473	(175/66).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 15:35
S76	146	S75 and cool\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:36
S77	1812	(175/206-218).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/10/16 15:50

S78	1605	S77 not S75	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:51
S79	171	S78 and cool\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:51
S80	4	("3859812") or ("4215753") or ("5005655") or ("5107874")).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/16 15:57
S81	2	S80 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:57
S82	9	(US-6379201-\$ or US- 5005655-\$ or US- 4913245-\$ or US- 4869810-\$ or US- 4747961-\$ or US- 3565191-\$ or US- 6367258-\$ or US- 5053082-\$).did. or (US- 3303661-\$).did.	USPAT; USOCR	OR	ON	2008/10/16 15:58
S83	5	S82 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 15:58
S84	516	glycol near water with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:46
S85	83	glycol near water with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:47
S86	487	glycol with water with coolant same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:52
S87	173	glycol with water with coolant with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:53
S88	2	S84 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:53
S89	8	S86 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:54
S90	4112	glycol with water same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:56
S91	12	S90 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:56

S92	60	S90 and "166".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:57
S93	2293	glycol with water with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:58
S94	11	S93 and "166".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 16:58
S95	112	glycol near water with coolant with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/16 17:00
S96	23	glycol near water and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:33
S97	114	drilling adj mud same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:36
S98	16	S97 and "175".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:36
S99	18	("2621022"   "3679929"   "3774701"   "3820605"   "4215753"   "4220202"   "4276936"   "4312401"   "4693313"   "4926949"   "5016716"   "5265677"). PN. OR ("5715895"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:37
S100	11	("2621022").URPN.	USPAT	OR	ON	2008/10/21 06:42
S101	17	("2861780"   "2915285"   "3424254"   "3612192"   "3618681").PN. OR ("3774701").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:43
S102	18	("2193219"   "2509031"   "3169575"   "3385352"   "3777405"   "3780532"   "3859812").PN. OR ("4215753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:46
S103	24	("1712567"   "2379932"   "2596195"   "2606747"   "2620635"   "3748866"). PN. OR ("3859812"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 06:54
S104	4530	drilling adj mud and "166".\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:03

S105	42	drilling adj mud and "62"\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:03
S106	39	drilling adj fluid and "62"\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:06
S107	15	S106 not S105	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:06
S108	153	condenser and "175"\$. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:06
S109	6	S108 and glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 07:07
S110	18	exchanger same glycol near water same (seawater sea adj water)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 12:31
S111	8708	water adj glycol	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 13:24
S112	53	S111 with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 13:25
S113	31	water near glycol same oil adj cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 13:28
S114	331	coolant same glycol near water same exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 14:33
S115	112	coolant with glycol near water with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 14:33
S116	1	("3929305").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/22 14:37
S117	1	("20050268781").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/22 15:41
S118	9	oil adj cooler with glycol near water	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 15:43
S119	126	skinner-james\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:01
S120	9	S119 and cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:01

S121	1	oil with vapor with condenser with cooled with separately with removed	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:03
S122	44	drilling adj fluid with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:06
S123	52	drilling adj mud with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:06
S124	11	drilling adj mud with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:06
S125	32	drilling adj fluid with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:06
S126	1	("4215753").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/22 16:12
S127	18	("2193219"   "2509031"   "3169575"   "3385352"   "3777405"   "3780532"   "3859812").PN. OR ("4215753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:13
S128	6	drilling adj fluid near3 cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:17
S129	11	drilling adj mud with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:19
S130	248	drilling adj mud near2 cool \$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:20
S131	122	drilling adj mud near cool \$2	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:21
S132	59	drilling adj mud near cooled	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:21
S133	0	drilling adj mud near cooled with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:22
S134	0	drilling adj mud near2 cooled with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:22
S135	1	drilling adj mud with cooled with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:22

S136	4	drilling adj fluid with cooled with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:23
S137	15	drilling adj fluid with cooling with exchanger	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:23
S138	9	drilling adj fluid with cooling with cooler	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/22 16:25

10/22/08 5:19:36 PM

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